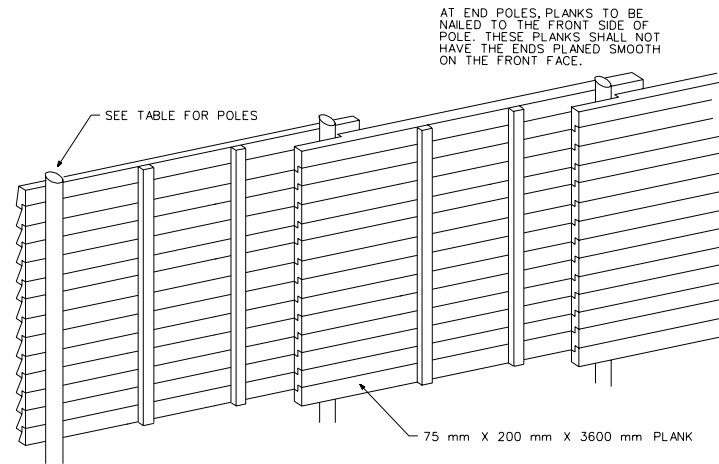
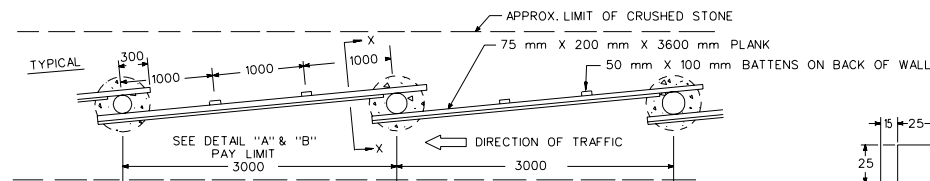


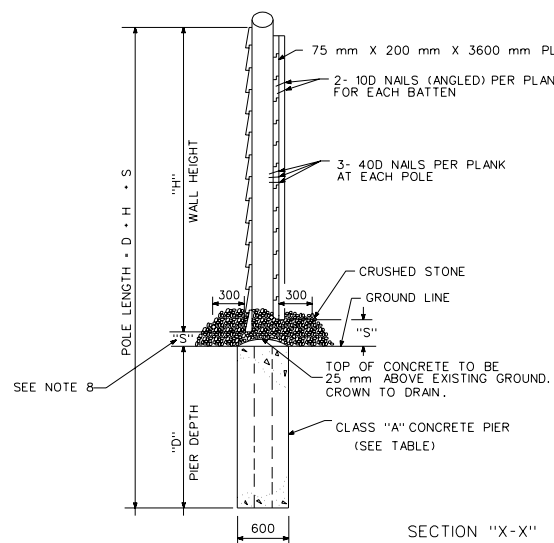
ELEVATION



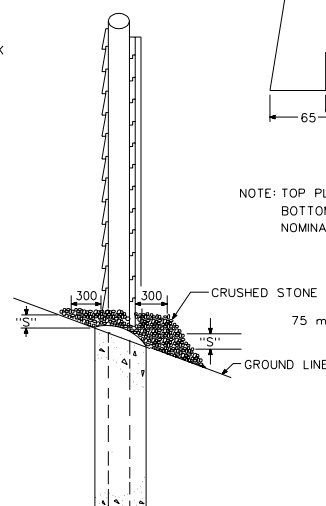
ISOMETRIC VIEW-SIDE AWAY FROM HIGHWAY



PLAN VIEW



SECTION "X-X"



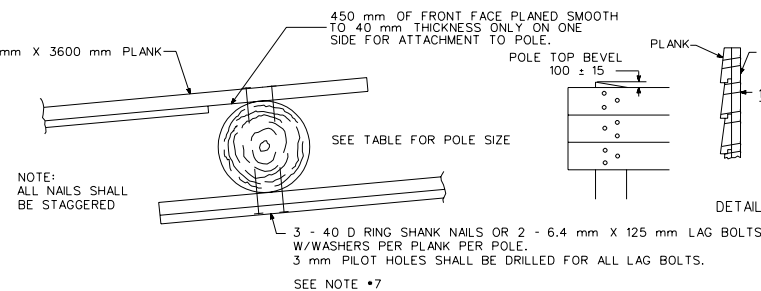
INSTALLED ON SLOPE

TABLE - PIER DEPTH-"D"-mm (GRANULAR SOIL ONLY)

WALL HGT. "H" mm	POLE DIA. AT TOP OF PIER mm	MIN. ALLOWABLE DIA. AT TOP OF PIER mm	PIER DEPTH "D"		
			CASE * 1	CASE * 2	CASE * 3
1800	175	140	1200	1800	1800
2400	200	150	1500	1800	2100
3000	225	165	1500	2100	2400
3600	250	180	1800	2400	2700
4200	275	190	2100	2700	3000
4800	300	205	2100	3000	3000
5400	325	215	2400	3000	3300
6000	350	230	2400	3300	3600
6600	375	240	2700	3600	3600

CASE * 1 FLAT SURFACE WITH WATER TABLE BELOW BOTTOM OF HOLE.
CASE * 2 FLAT SURFACE WITH WATER TABLE ABOVE BOTTOM OF HOLE.
CASE * 3 A SIDE SLOPE OF 1:2 WITH WATER TABLE BELOW BOTTOM OF HOLE.

NOTE: TOP PLANK SHALL NOT HAVE TONGUE.
BOTTOM PLANK MAY HAVE GROOVE.
NOMINAL LUMBER DIMENSIONS WILL BE SATISFACTORY

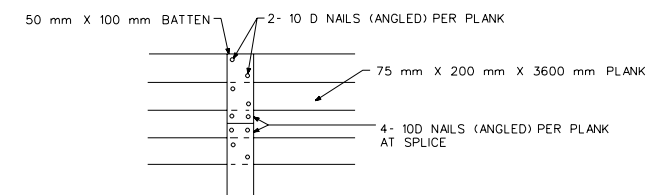


DETAIL "A"

- CONCRETE SHALL BE CLASS "A" IN CONFORMANCE WITH SECTION 6.01.
- LUMBER & POLES
ALL LUMBER SHALL BE NO. 1KD OR BETTER SOUTHERN YELLOW PINE OR DOUGLAS FIR - LARCH, SURFACED FOUR SIDES. ALL LUMBER AND POLES SHALL BE COMMERCIALY INSPECTED BY AN INDEPENDENT COMPANY. ALL CCA TREATED LUMBER AND POLES SHALL BE KILN DRIED TO 15% MOISTURE CONTENT AFTER TREATMENT. POLES TO BE SOUTHERN YELLOW PINE OR DOUGLAS FIR CONFORMING TO AWPB CP-88.
- TREATING SPECIFICATIONS
TWO TYPES OF TREATMENT ARE ACCEPTED:
A: CCA IN ACCORDANCE WITH AWPB P-5
B: PENTACHLOROPHENOL IN ACCORDANCE WITH AWPB P-9, TYPE B (L.P.G.)
ALL MATERIAL SHALL HAVE A MINIMUM TREATMENT AS FOLLOWS:
PENTACHLOROPHENOL 8 kg/m³
CCA 6 kg/m³
CCA (POLES) 10 kg/m³
TREATMENT TO CONFORM TO AWPB C-2 FOR PLANK, PANELS, BATTENS AND AWPB C-4 FOR POLES.
ALL MATERIAL SHALL BE PROTECTED FROM WEATHER UNTIL INSTALLED.
- THE PLANK ENDS SHALL BE IN A VERTICAL STRAIGHT LINE AND ALL PLANKS SHALL FIT TIGHTLY AT THE TIME OF INSTALLATION. ANY PLANK WHICH DOES NOT FIT TIGHTLY SHALL BE REJECTED.
- FIELD CUTS AND HOLES SHALL BE TREATED IN ACCORD WITH AWPB M4.
- STAIN - PENETRATING EXTERIOR OIL BASE SEMI-TRANSPARENT STAIN COMPATIBLE WITH THE PRESERVATIVE TREATMENT. (COLOR SHALL BE GREEN UNLESS OTHERWISE NOTED ON THE PLAN)
- ALL METAL SHALL BE STAINLESS STEEL TYPE 304 OR 316.
ALL NAILS SHALL BE RING SHANKED AND COUNTER SUNK.
40D NAILS SHALL BE A MINIMUM DIAMETER OF 5.6 mm AND SHALL BE A MINIMUM LENGTH OF 125 mm LONG. 10D NAILS SHALL BE A MINIMUM DIAMETER OF 3.7 mm AND SHALL BE A MINIMUM OF 70 mm LONG. LAG BOLTS SHALL BE 6.4 mm X 125 mm LONG.
- THE CRUSHED STONE SHALL CONFORM TO ARTICLE M.01.01. PLACED TO A MIN. DEPTH OF 50 mm ABOVE THE BOTTOM OF THE PANEL PLANKS. "S" SHALL BE A MINIMUM OF 50 mm.

TEST CERTIFICATION REQUIRED - REF. ARTICLE 1.06.07	
CERTIFIED TEST REPORT	MATERIAL CERTIFICATE
LUMBER & POLES	
TREATMENT	

A CERTIFICATE OF COMPLIANCE IS ALSO REQUIRED ON THE ABOVE ITEMS.



DETAIL "B"

ALL DIMENSIONS ARE IN MILLIMETERS (mm) EXCEPT AS NOTED.

TIMBER NOISE BARRIER WALL
TYPE 2

CONN. DEPT. OF TRANSPORTATION 8/95
CONN. DEPT. OF TRANSPORTATION 8/95

MANUAL REVISIONS TO THIS DOCUMENT ARE PROHIBITED. ALL REVISIONS MUST BE PERFORMED ON Cadd File: 05A21200.20091968.DGN

